GitiTechGroup ltd
where experience counts

On-Wing Engine Compressor Washing System (AJW-114B)

The standard system consists of two tanks. One 60 Gallon tank to hold pure de-ionized water, and one 60 Gallon tank to hold more pure de-ionized water or detergent.

The pure water/detergent tanks can electrically heat up the water/detergent content up to 160 Degrees Fahrenheit through an On- Demand water/detergent heating system.

AJW-114B also utilizes a de-ionization filtration system which allows regular tap water to become 100% pure, Mineral-free de-ionized water before entering the tanks.

The electrically driven pumps on the metal frame of the rig can deliver up to 15 GPM per pump of adjustable pressurized fluid into the delivery hoses. Unlike other injection systems, our system eliminates the need for carrying and servicing nitrogen bottles to pressurize the tanks.

The delivery hoses could be (depending on the operator's choice) connected to J shaped Probes (Wands) or J hooks (2 provided with basic system) which are entered from the back of the bypass duct and then held tight against the core case in front of the 1st stage stators ahead of the 2nd stage compressors. This is to ensure 100% water/detergent injection into the engine core. This method also eliminates opening of the Cowlings and Thrust Reversers and reduces the time spent for a complete engine wash.

AJW-114B has a sturdy folding tow bar and hitch which could easily be transported in and around an airport.

The overall dimensions: 8 feet long (including the tow bar), 4 feet tall and 4 feet wide.

The control panel on the rig has illuminated gauges which allows the operator to read the fluid quantity and temperature in both tanks and turn switches to activate the pumps for water/fluid delivery.

On Board Equipment

- ✓ Water/Detergent Injection delivery system (Standard)
- ✓ Effluent Collection System (Capturing System) (Standard)
- ✓ De-ionizing system (Standard)
- ✓ 2 Injection Probes (Universal Telescopic J Hooks)

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We proudly introduce AJW-114B

The equipment mentioned in this document has either been patented and/or has a patent pending status

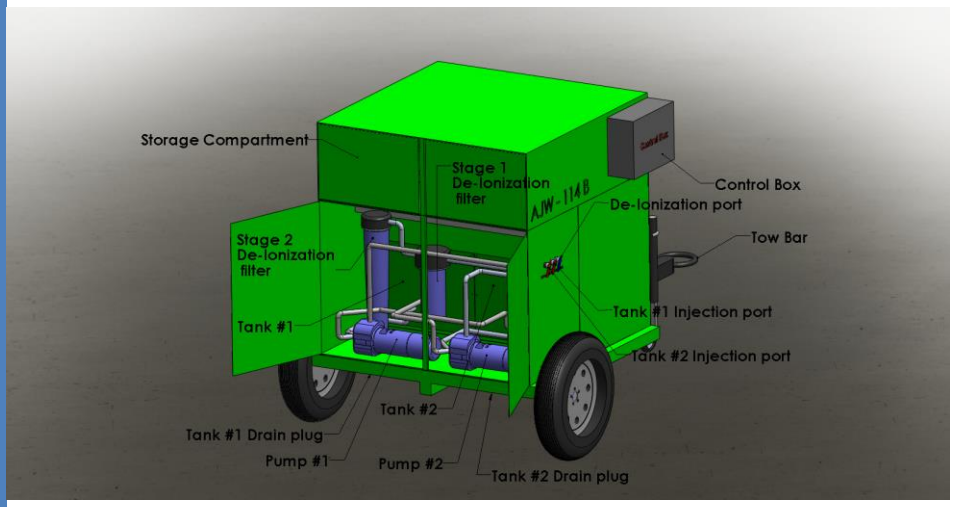
Capabilities

1- Injection of up to 15 GPM depending on operator's requirements
2- Utilizing Pure De-Ionized water
3- Heated Tanks of up to 160-degree F of water or detergent
4- Multiple Engine Washing Capability
5- Effluent Collection System (bag)
6- Being able to be towed

Equipment Specs have been reviewed By Boeing and Airbus and added to their Tooling Databases

Our effluent collection system is the only system in the world that collects ALL the effluent coming out of the tail pipe and the engine while performing engine compressor wash. This system encapsulates the engine. There is a screened vent on top of the suit to allow excess air to escape the suit to prevent over inflation of the suit. The material this suit is made of is of a space age fabric which is extremely light and durable and has proved to be ideal for its purpose. This suit conveniently fits in a carrying bag.

The material and the workmanship of this suit is rugged enough, so it could be used repeatedly for years to come if handled per manufacturer's specs.



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